

WENDOVER AIR FORCE BASE, SQUADRON HANGAR
(Maintenance, Organizational Hangar)
(Building No. 412)
South of Interstate 80
Wendover
Tooele County
Utah

HABS NO. UT-125-E

HABS
UTAH
23-WEN,
2E-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Buildings Survey
National Park Service
Rocky Mountain Regional Office
Department of the Interior
P.O. Box 25287
Denver, Colorado 80225

HISTORIC AMERICAN BUILDINGS SURVEY

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This Maintenance Hangar was built in 1943 on the adjacent anchorage area. A total of 12,405 square feet, it was built by R.D. Merrill Construction Co. at a cost of \$175,537.40 from plan W.B. 23-17, "Mobilization," "Semi-permanent" type construction. The building is one of the many built as the operations at the base were expanded with increased numbers of bomber planes and bomber crews readied and trained.

Building 412 is a tall, wood frame structure, roughly rectangular in plan, with a one-story, shed-roof offset to the rear (north) and wing-walls extending east and west from the corners of the front (south) elevation. The main structure measures 80 feet-2 inches by 122 feet-3 inches, while the rear offset is 16 feet by 86 feet-8 inches. The wing walls are 7 feet-9 inches by 14 feet-4 inches each.

The hangar has a concrete foundation and floor, wood frame walls and a bolted, truss roof structure. The height from the floor to the bottom of the trusses is 25 feet-10 inches. The interior contained a restroom and a coal-fired steam boiler providing heat to radiators.

The building exterior is imposing due to its height, large window mass and bilateral symmetry. The front elevation consists of a flat facade with two wing walls which flank the tall, sliding doors in the center. The doors have a lower panel of wood, plus three levels of

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upper glass panels. Each of the 60 window bays has 12 panes, for a total of 720 glass lights. Over the doors is the wood-clad upper wall of the hangar on which a sign panel is placed.

The north, east and west walls of the hangar, together with its wing walls and rear offset, are sheathed in horizontal wood siding. Again, the other tall walls have three levels of small-paned windows. The roof appears flat but is slightly pitched to the sides from a central ridge. It has asphalt roll roofing. Although lacking in maintenance, #412 appears to be structurally sound.

WENDOVER AIR FORCE BASE,
SQUADRON HANGAR (MAINTENANCE -
ORGANIZATIONAL HANGAR)

UT-125-E

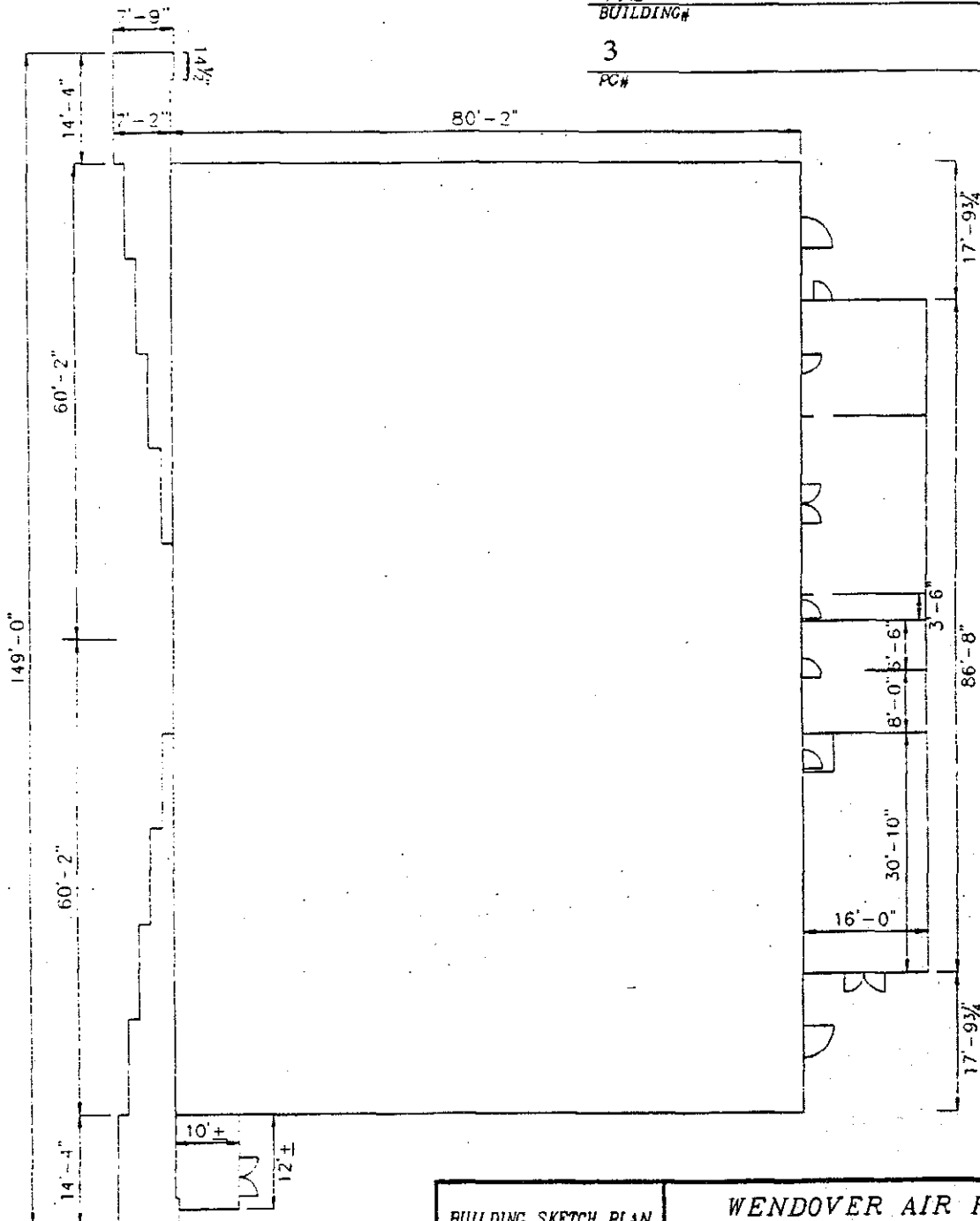
HABS #

412

BUILDING #

3

PC #



NO SCALE

BUILDING SKETCH PLAN

WENDOVER AIR FORCE BASE
WENDOVER, UTAH

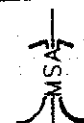
AIP PROJECT NO.

3-49-0046-01



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DATE:
SEPT. 25, 1989



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